

Grabner, G., Kaindl, F., and Kraupp, O.  
THE ACTION OF 2,6-BIS(DIETHANOLAMINO)-4,8-  
DIPYRIDINOPYRIMIDONE, 4-dPYRIMIDINE ON  
CARDIAC ACTIVITY AND CORONARY CIRCULATION  
IN ANESTHETIZED DOGS. Sp 14ref.  
Order from SLA \$1.10

Trans. of Arzneimittel-Forschung (West Germany)  
1959, v. 9 (no. 1) p. 45-47.

TT-64-16794

I. Grabner, G.  
II. Kaindl, F.  
III. Kraupp, O.

TT-64-16794

(Biological Science - Pharmacology, TT, v. 12, no. 5)

Office of Technical Services

TT-64-16795

Hockerts, Th. and Bögelmann, G.  
INVESTIGATIONS OF THE ACTION OF 2,6-BIS(DIETHANOLAMINO)-4,8-DIPYRIDINOPYRIMIDOS, 4-d)  
PYRIMIDINE ON THE HEART AND CIRCULATION.  
op (1 fig 2 tables omitted) 7 refs.  
Order from SLA \$1.10

TT-64-16795

Trans. of Arzneimittel-Forsch[ung] (West Germany)  
1959, v. 9 [no. 1] p. 47-49.

L. Hockerts, T.  
H. Bögelmann, G.

(Biological Sciences--Pharmacology, TT, v. 12, no. 11)

Office of Technical Services

Bretschneider, H. J. [Frank, A., Bernard, U.] and  
others.  
THE ACTION OF A PYRIMIDOPYRIMIDINE DERIVA-  
TIVE ON THE OXYGEN SUPPLY OF THE HEART.  
18p (9 figs 2 tables omitted) 46 refs.  
Order from SLA \$1.60

TT-64-16746

Trans. of Arzneimittel-Forsch[ung] (West Germany)  
1959, v. 9 [no. 1] p. 49-59.

TT-64-16746

I. Bretschneider, H. J.  
II. Frank, A.  
III. Bernard, U.

(Biological Sciences--Pharmacology, TT, v. 12, no. 5)

Office of Technical Services

On the Mechanism of the Action of 3,5-Dibromo-4-  
Diphenyl-1-n-Butyl-Pyrazolidine, by Kurt  
Wallenfels, Horst Sund, 36 pp.

GERMAN, per, Arzneimittel-Forschung, Vol. IX, 1959,  
pp. 81-89.

SLA 59-15595

Sci - Chem  
Dec 59  
Vol. 2, No. 4

102,811

New Catalytic Processes Involving Metal Ions,  
Especially the Rare Earths, Their Effect on Cell  
Processes, by Heinz Trapmann, 43 pp.

GERMAN, per, Arzneimittel-Forschung, Vol IX, 1959,  
pp 341-346; 403-410.

AEC Tr-4027

Sci - Phys  
Sep 60

124,847

63-10397

Eger, M. W. and Reincke, A.  
SULFONAMIDES DERIVATIVES AS PROTECTIVE  
AGENTS AGAINST HEPATIC NECROSIS. [1962] 7p.  
[refs. omitted].  
Order from SLA \$1.10 63-10397

I. Eger, M. W.  
II. Reincke, A.

Trans. of Arzneimittel-Forschung (West Germany)  
1959, v. 9 [no. 6] p. 363-365.

DESCRIPTORS: Sulfonamides, Chemotherapeutic  
agents, Liver, Necrosis, Therapy, Inhibition,  
Cysteamine, Urinary, Drugs, Hepatitis.

Urological Sciences--Pharmacology, II (v. 10, no. 4)

Office of Technical Services

Experimental Basis for a Therapeutic Use of  
Lithopurpurin. Officinale for Blocking of Anterior  
Pituitary Hormones, Rpt I, by F. Kemper, 33 pp.

GERMAN, per, Arzneimittelforschung, Vol 11,  
1959, pp 368-375.

ETH 12-44

Sci - Medicine  
Jan 60

105,288

Experimental Bases for a Therapeutic Use of  
Lithospermum officinale for Blocking Anterior  
Pituitary Hormones, Rpt 2, by Fritz Kemper, 43 pp.

GENEVA, per, Arzneimittel-Forschung, Vol II, No 7,  
1959, pp 411-419.

SLA 60-10744

119,101

Sci  
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Vol III, No 5



TT-64-16868

Wilm, K.  
THE FLAVONOIDS, PT. 1. 14p.  
Order from SLA \$1.60

TT-64-16868

I. Böhm, K.

Trans. of Arzneimittel-Forschung (West Germany)  
1959, v. 9 [no. 9] p. 539-544.

(Biological Sciences--Pharmacology, TT, v. 12, no. 6)

Office of Technical Services

Studies on the Sedative Principles of the Kava  
Rhizome, by R. Hensel, H. U. Beiersdorff, 23 pp.

GERMAN, per, ArzneimitteI-Forschung, Vol IX,  
No 9, 1959, pp 581-585.

SLA 60-10847

Sci  
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Vol III, No 5

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TT-64-16869

Bohm, K.  
THE FLAVONOIDS, PT. II. 15p.  
Order from SLA \$1.60

TT-64-16869

I. Bohm, K.

Trans. of Arzneimittel-Forschung (West Germany)  
1959, v. 9, [no. 10] p. 647-653.

(Biological Sciences--Pharmacology, TT, v. 12, no. 6)

Office of Technical Services

Therapy of Diabetic Retinopathy, by U. Dardenne, 32 pp.  
GERMAN, per, Arzneimittelforsch, Vol IX, 1959,  
pp 672-678.

AEC-UCL-Tr-937

Sci - Med

Jul 63

238,149

Acute Poisoning with Phenacetin and Phenacetin-  
Containing Combinations Sleeping Pill Preparations,  
by G.Engleharst and HZuchmayer.

GERMAN, per, Arzneimittel-Forschung, Vol.9, No.12,  
pp.728-734, 1959.

SLA-TT-66-11724

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B/M  
Aug 66

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TT-64-16797

Brand, Vera.  
EFFECT OF 3,5-DICHO-1,2-DIPHENYL-4-n-BUTYL-  
PYRAZOLINE ON THE SYNTHESIS OF FATTY  
ACIDS. Sp 21 refs.  
Order from S.A. \$1.10

TT-64-16797

Trans. of Arzneimittel-Forschung (West Germany)  
1959, v. 9 [vol. 12] p. 767-769.

(Biological Sciences--Biochemistry, TT, v. 12, no. 5)

Office of Technical Services

Bohm, K.  
THE FLAVONIDS, PT. III. 12;  
Order from SLA \$1.50

TT-64-16873

I. Bohm, K.

Trans. of Arzneimittel-Forschung (West Germany)  
1959, v. 9 [no. 12] p. 778-785.

(Biological Sciences--Pharmacology, TT, v. 12, no. 6)

Office of Technical Services

Böhm, K.  
THE FLAVONOIDS, PT. IV. 9p.  
Order from SLA \$1.10

TT-64-16871

Trans. of Arzneimittel-Forschung (West Germany)  
1960, v. 10 (no. 1) p. 54-58.

TT-64-16871

I. Böhm, K.

(Biological Sciences--Pharmacology. TT. v. 12, no. 6)

Office of Technical Services



Böhm, K.  
THE FLAVONOIDS, PT. V. 6p.  
Order from SLA \$1.10

TT-64-16872

Trans. of Arzneimittel-Forschung (West Germany)  
1960, v. 10 (no. 2), p. 139-142.

TT-64-16872

I. Böhm, K.

(Biological Sciences - Pharmacology, TT, v. 12, no. 5)

Office of Technical Services

Böhm, K.  
THE FLAVONOIDS. Pt. VI. 8p.  
Order from SLA SL 10

TT-64-16873

I. Böhm, K.

Trans. of Arbeitsgemeinschaft Forschung (West Germany)  
1960. v. 12. 1960. 11 p. 188-192

The Effect of Tertiary Aliphatic Phosphine  
Derivatives on the Mouse Anesthetics  
by H. Siering, 6 pp.

GERMANY, per, Arzneimittel-Forschung  
Vol. X, No 4, 1960, pp 215-221.

SIA 60-16557

Sci  
Vol. IV, No 11  
May 62

197, 215

Antagonism Between Cardiac Glycosides and Cortico-  
steroids in the Frog Skin Potential, by W. Wilbrandt,  
E. M. Weiss, 15 pp.

GERMAN, per, Arzneimittelforschung, Vol X, 1960,  
pp 409-412.

NIH 2-4-61

Sci - Med  
Apr 61

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Wohn, K. TT-64-16874  
THE FLAVONOIDS. PT. VII. 13p. I 8000 Y  
Order from SLA \$1.60 TT-64-16874  
Trans. of Anatomical Research (West Germany)  
1960, v. 10 (no. 1) 458-474

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Some Effects of N-( $\gamma$ -Dimethylaminopropyl)-  
iminodi-benzyl-HIL-and Its Metabolites on the  
Metabolism of Neurohormones, by R. Pulver,  
B. Exer, B. Herrmann, 17 pp.

GERMAN, per, Arzneimittelforschung, Vol X,  
No 7, 1960, pp 530-533.

Patent Office

Chem  
Sci ~~Eng~~

219,182

Dec 62

TT-64-16875

I. Böhm, K.

6-10325

Zicha, L., Scheiffarth, F. and others.  
COMPARATIVE INVESTIGATIONS ON NEW CORTI-  
COID DERIVATIVES IN HISTAMINE AND SERO-  
TONIN ASTHMA IN GUINEA PIGS (Vergleichende  
Untersuchungen mit Neueren Corticoid-Derivaten am  
Histamin- und Serotonin-Asthma des Meerschweinchen)  
[1962] 16p. (figs. titles refs. omitted) 7 refs.  
Order from S.L.A. \$1.60 62-10325

I. Zicha, L.  
II. Scheiffarth, F.

Trans. of Arzneimittel-Forschung (West Germany)  
1960, v. 10, no. 9, p. 728-731.

DESCRIPTORS: \*Dexamethasone, Prednisone, Corti-  
costeroid agents, \*Histamine, \*Serotonin, \*Asthma,  
Laboratory animals, Prednisolone, Aerosols.

(Biological Sciences: Pharmacology, 11, v. 10, no. 9)

62-10325



63-10356

Zilha, L., Schmid, E. and others.

COMPARATIVE INVESTIGATIONS ON THE ONSET  
AND DURATION OF ACTION OF NEW DEXAMETHA-  
SONE AND PREDNISOLONE ESTERS IN HISTAMINE  
AND SEROTONIN ASTHMA IN GUINEA PIGS (Ver-  
gleichende Untersuchungen über Wirkungseintritt und  
Wirkungsdauer Neuer Dexamethason- und Prednisolon-  
Ester am Histamin- und Serotonin- Asthma des  
Meerschweinens). [1962] 14p. (figs. refs. tables  
omitted) 4 refs.

Order from SLA \$1.60

63-10356

Trans. o[A]rzneimittel-Forschung (West Germany)  
1960, v. 10, no. 10, p. 831-834.

DESCRIPTORS: Drugs, \*Progesterone, Esters,  
\*Corticosteroid agents, \*Asthma, Serotonin, Hista-  
mine, Laboratory animals, Guinea pigs.

(Biological Sciences--Pharmacology, TT, v. 10, no. 2)

I. Zilha, L.  
II. Schmid, E.

Office of Technical Services

61-20565

Büch, O. and Wagner-Jauregg, Th.  
A CONTRIBUTION TO THE PROBLEM OF ANTI-  
GISTIC TESTS. [1961] 6p. (2 figs. omitted) 16 refs.  
Order from SLA \$1.10 61-20565

Trans. of Arzneimittel-Forschung (West Germany)  
1960, v. 10, no. 10, p. 834-836.

DESCRIPTORS: \*Fever therapy, \*Rheumatic fever,  
\*Heat therapy, Hydrogen compounds, Peroxides, Drugs,  
\*Inflammation

The reported antiphlogistic and antipyretic effects of  
hydrogen peroxide, caustic soda solution, kaolin and  
talc indicate the difficulty of evaluating and interpreting  
the discoveries when the substances being investigated  
have tissue-irritating or inflammatory properties of  
their own. (Author)

(Biological Sciences--Pharmacology, TT, v. 7, no. 3)

Office of Technical Services

Experimental Studies with N-(2'-Chloro-4'-  
Nitrophenyl)-5-Chlorosalicylamide, a New Agent  
against *Trypanosoma*. 1st Report: Chemotherapeutic  
Experiments, by R. Gossert

GERMAN, per, Arzneimittelforschung, Vol 10,  
No 11, 1960, pp 881-884.

HS: NID  
6-3-68

Sci-BM  
Aug 68

362,368

Experimental Studies with N-(2'-Chloro-4'-  
Nitrophenyl)-5-Chloromalicamide, a New  
Fumicide. Report 2. Toxicological Studies,  
by O. Mecht

ARMIAN, per, Arzneimittelforschung, Vol 10,  
No 11, 1960, pp 884-885.

HIS/ MIM  
6-8-68

Sci-BM:  
Aug 68

362,373

63-10329

Junkmann, K. and Suchowsky, G. K.  
THE ANTIPHLOGISTIC EFFICACY OF GLUCOCORTI-  
COLD ESTERS IN LOCAL APPLICATION. [1962] 5p.  
(figs. tables refs. omitted).  
Order from SLA \$1.10

63-10329

Trans. of Arzneimittel-Forschung (West Germany)  
1960, v. 10, p. 921-923.

DESCRIPTORS: inhibition, \*Inflammation, Drugs,  
\*Corticosteroid agents, Prednisone, Prednisolone,  
Fatty acids, Esters, \*Injection (Medicine), Adapta-  
tion (Physiology).

Comparative tests were made in the granuloma pouch  
of rats to determine the antiphlogistic effect of differ-  
ent fatty acid esters of the most common glucocorti-  
coids. It was found that the number of carbon atoms on  
the esterifying acid influences the efficacy of the ester.  
Optimum efficacy varies, and depends on an individual  
acid for each corticoid. (Author)

I. Junkmann, K.  
II. Suchowsky, G. K.

(Biological Sciences--Pharma-  
cology, TT, v. 10, no. 3)

Office of Technical Services

Tolerance of Sorbic Acid, by K. Lang  
GERMAN, per, Arzneimittel-Forschung, Vol 10,  
1960, pp 997-999  
NTS 71-15226-06P

mar 72

63-14768

1. Title: Hexanicotinic acid ester
- I. Dorner, G.
- II. Fischer, F. W.

Dorner, G. and Fischer, F. W.  
ABOUT THE INFLUENCE OF THE HEXANICOTINIC  
ACID ESTER OF THE  $\alpha$  - INOSITOL ON THE  
SERUMLIPIDS AND SERUMLIPOPROTEINES (Zur  
Beeinflussung der Serumlipide und -Lipoproteine durch  
den Hexanicotinsäureester des  $\alpha$ -Inositol). [1963] 7p.  
(refs. omitted).

Order from SIA \$1.10

63-14768

Trans. of Arzneimittel-Forschung (West Germany)  
1961, v. 11, p. 110-113.

DESCRIPTORS: \*Nicotinic acid, \*Esters, \*Lipids,  
\*Lipoproteins, Blood serum, Cholesterol,  
Phospholipids.

The influence of  $\alpha$ -inositol hexanicotinate ester on the  
serum lipids and lipoproteins is reviewed. The mean  
values of serum cholesterol were found reduced fol-  
lowing a dose of 200 mgs 3 or 4 times per day 4 weeks  
(Biological Sciences - Biochemistry, TT, v. 10, no. 6)  
(over)

Office of Technical Services

Sulfachloropyridazine in the Therapy of Coli  
Infections of the Urinary and Biliary Tract,  
by H. Goldhammer.

GERMAN, per, Arzneimittel-Forschung, Vol.11,  
No.2, pp.131-132, 1961.

SIA-TT-66-11436

B/M  
Sept 66

309,289



Comparative Studies on more Recent Sulfami-  
lides, Report 1, by P. Burger et al.  
GERMAN, par, Arzneimittelforschung, Vol 11,  
No 3, 1961, pp 217-255.  
HSH KTH 6-1-66

Sci-DAH  
Nov 66

313,03

Sous, H., Löschner, H. and others.  
EXPERIMENTAL INVESTIGATIONS ON THE ANTI-  
BIOTIC COLISTIN (Experimentelle Untersuchungen  
über das Antibiotikum Colistin). [1963] 18p. 29 refs.  
Order from SLA \$1.60 63-14769

Trans. of Arzneimittel-Forschung (West Germany)  
1961, v. 11 (no. 4) p. 395-400.

DESCRIPTOR: \*Antibiotics, Drugs, \*Colimycin,  
Chemotherapeutic agents, Drugs, Toxicity, Stability,  
\*Tolerances

(Biological Sciences - Pharmacology, TT, v. 10, no. 4)

63-14769

I. Sous, H.  
II. Löschner, H.

Office of Technical Services

Metabolism of Flavonoid Plant Phenols in the  
Organism and Urinary Excretion of the Result-  
ing Phenol-Carboxylic Acids, by K. Hermann.

GERMAN, per, Arzneimittelforschung, Vol XI,  
No 5, 1961, pp 503-508.

CSIRO/No 6026

Sci-Biol  
July 63

236,301

63-10327

Scheiffarth, F., Zicha, L., and Förster, W.  
COMPARATIVE INVESTIGATIONS OF THE EOSINO-  
PHILIC EFFECTS OF VARIOUS GLUCOCORTICOID  
ESTERS AND OF L-HYDROXY-TRYPTOPHAN IN  
HUMAN BEINGS. [1962] 11p. (figs. tables refs. omit-  
ted).

Order from SLA \$1.60

63-10327

Trans. of Arzneimittel-Ernsch[ung] (West Germany)  
1961, v. 11, no. 7, p. 602-606.

DESCRIPTORS: Drugs, Pharmacology. \*Eosinophils.  
\*Corticosteroid agents, Esters, \*Tryptophan,  
Serotonin, Prednisolone.

12 different prednisolone esters and dexamethasone  
esters were examined in an eosinophil test with groups  
that each had 10 to 20 patients. Significant eosinopenic  
effects were observed only for glucocorticoid esters  
(Biological Sciences--Pharmacology, TT, v. 10, no. 3)  
(over)

- I. Scheiffarth, F.
- II. Zicha, L.
- III. Förster, W.

Office of Technical Services

Ticha, L., Scheffarth, E., and Grau, H.  
COMPARATIVE INVESTIGATIONS OF THE HORMONAL  
PENGIC EFFECT OF VARIOUS GLUCOCORTICOID  
ESTERS, WITH SPECIAL CONSIDERATION OF THE  
METHOD OF APPLICATION, 1962, 12p. (Iss. titles  
refs. omitted)

Order from SLA 34.60

6-10-26

Trans. of Anatomisch-Forschungslab West Germany  
1961, v. 44, no. 7, p. 606-612.

DESCRIPTORS: \*Dexamethasone, \*Eosinophilia, \*Corti-  
costeroid agents, Esters, \*Prednisolone, Hormones,  
Adrenal glands, Pituitary gland, Dosage, Parenteral  
infusion, Intravenous injections, Drugs.

(Biological Sciences--Pharmacology, TT, v. 10, no. 2)

Office of Technical Services

Horstmann, H., Knott, Th. and others.  
RELATIONS BETWEEN STRUCTURE, ACTION AND  
PROTEIN-BINDING IN THE 2-SULFANILAMIDOPYR-  
IMIDINE SERIES. [1961] [10] p. 23 refs.

Order from SLA \$1.10

62-14098

Trans. of Arzneimittelforschung (West Germany)  
1961, v. 11, Aug. p. 682-684.

DESCRIPTORS: \*Sulfadiazine, Pyrimidines, \*Chemo-  
therapeutic agents, Effectiveness, Proteins, Serum,  
Molecular structure, Mice, Streptococcus infections.

The chemotherapeutic activity and the binding to human  
serum of 38 different, preferably 5-substituted sulfa-  
nilamidopyrimidines have been investigated. The values  
are compared with those of the clinically applied sul-  
fapyrimidines, which were investigated under identical  
conditions. Five of the 38 sulfapyrimidines were more  
(Biological Sciences--Pharmacology, TT, v. 7, no. 9  
(over)

62-14098

I. Horstmann, H.  
II. Knott, Th.

Office of Technical Services

62-14097

Knott, Th., Kutzsche, A., and Walter, A. M.  
ANTIBACTERIAL ACTIVITY OF 2-SULFANILAMIDO-  
5-METHOXYPYRIMIDINE. [1961] 29p. 26 refs.  
Order from SLA \$2.50 62-14097

Trans. of Arzneimittel-Forschung (West Germany)  
1961, v. 11, Aug. p. 684-694.

DESCRIPTORS: Pharmacology, \*Sulfonamides,  
Alkoxy radicals, \*Pyrimidines, \*Bacteria, Chemother-  
apeutic agents, Effectiveness.

The antibacterial activity of a new sulfonamide,  
2-sulfanilamido-5-methoxypyrimidine (sulfamethoxy-  
diazine) was assayed in vitro and in vivo in comparison  
with sulfadiazine and long-acting sulfonamides. In low  
concentrations sulfamethoxydiazine shows marked bac-  
teriostatic effects in vitro; it is characterized by a  
competitive antagonism towards p-aminobenzoic acid.  
(Biological Sciences--Pharmacology, TT, v. 7, no. 11)  
(over)

- I. Title: Parent
- II. Knott, Th.
- III. Kutzsche, A.
- IV. Walter, A. M.

Office of Technical Services

Hecht, G., Junkmann, K. and others.  
PHARMACOLOGY OF 2-SULFANILAMIDO-5-METHOXY-  
PYRIMIDINE. [1961] 18p. 14 refs.  
Order from SLA \$1.60

62-14096

Trans. of Arzneimittel-Forschung (West Germany)  
1961, v. 11, Aug. p. 695-700.

DESCRIPTORS: Pharmacology. \*Sulfonamides, Dosage.  
Therapy. \*Alkoxy radicals, Pyrimidines. \*Excretion.  
\*Toxicity.

The chemical and pharmacological properties of  
2-sulfanilamido-5-methoxypyrimidine (sulfamethoxy-  
diazine) are described. After oral administration the  
compound is well absorbed, excellently tolerated and,  
in human beings, acetylated only to a small extent.  
The slow decrease of the blood level classifies the  
compound as a long acting sulfonamide. (Author) (See  
also 62-14097)  
(Biological Sciences--Pharmacology, TT, v. 7, no. 11)

62-14096

I. Hecht, G.  
II. Junkmann, K.

Office of Technical Services



62-16256

Gara, P. W. and Kimbel, K. H.  
THE RETENTION AND EXCRETION OF LONG-  
ACTING SULFON-AMIDES. [1962] [17]p. (figs. tables  
refs. formulae omitted).  
Order from SLA \$1.60

62-16256

I. Gara, P. W.  
II. Kimbel, K. H.

Trans. of Arzneimittel-Forschung (West Germany)  
1961, v. 11, no. 8, p. 701-707.

DESCRIPTORS: \*Drugs, \*Sulfonamides, Absorption,  
Excretion, Blood plasma, \*Albumins,

(Biological Sciences--Pharmacology, TT, v. 9, no. 2)

Office of Technical Services

Scholtan, W.  
THE BINDING OF LONG-ACTING SULFONAMIDES  
TO SERUM PROTEINS. [1962] [30]p. (25 figs.  
9 tables refs. omitted).  
Order from SLA \$2.60

62-16257

Trans. of Arzneimittel-Forschung (West Germany)  
1961, v. 11, no. 8, p. 707-720.

DESCRIPTORS: \*Molecular association, \*Sulfonamides,  
Serum, Serum albumin, \*Chemotherapeutic agents,  
\*Blood proteins.

(Biological Sciences--Pharmacology. TT. v. 8, no. 9)

62-16257

I. Scholtan, W.

Office of Technical Services

Bünger, Paul and Koch, Gudrun.  
CLINICAL INVESTIGATIONS WITH 2-SULFANILAMIDO-5-METHOXYPYRIMIDINE. 15 Jun 62, 29p.  
25 refs.

Order from SLA \$2.60

62-14343

Trans. of Arzneimittel-Forschung (West Germany)  
1961, v. 11, Aug. p. 726-736.

DESCRIPTORS: \*Sulfonamides, \*Pyrimidines, \*Bacteri-  
cides, Cerebrospinal fluid, \*Toxicity, \*Infections.

Distribution of sulfamethoxy-1, 3-diazine, a new  
sulfapyrimidine derivative, in the human organism was  
studied. Figures for concentration in cerebrospinal  
fluid, pleural exudate, ascites, and mother's milk are  
given. Urinary excretion was investigated and ana-  
lyzed with regard to metabolites. The maintenance  
dose of 0.5 gram is reliably eliminated within 24 hours.  
(Biological Sciences- Pharmacology, TT, v. 8, no. 8)  
(over)

62-14343

- I. Title: Durenat
- I. Bünger, P.
- II. Koch, G.

Office of Technical Services

An Improved Method for Quantitative test of the Antibiotic  
Activity of Penicillins in Mother's Milk,  
by Bernhard Schmidt, Harald Modde, 10 pp.  
GERMAN, per, Arzneimittelforschung, Vol XI, No 8, 1961,  
pp 800, 807.  
Dept of Navy Tr 4130/

Sci - Med  
Jul 65

282,303

Cumulation and Toxicity With Wrong Dosage of  
Sulfamylamides, by H. Kruger-Thiemer.  
GERMAN, per, Arzneimittelforschung, Vol 11, No 9,  
1961, pp 867-874.  
NEW 111 6-16-66

Sci/ 811  
Nov 66

314,291

Documentation of Drug Effects in the Treatment  
of Psychiatric Patients, by D. Bente,  
M. P. Engelmeier.

GERMAN, per, Arzneimittel-Forschung, Vol XI,  
1961, pp 886-890.

NIH 4-44-63  
(Loan Only)

Sci

Jul 63

Tables on the Toxicology, Pharmacology and  
Chemistry of the Constituents of Tobacco and  
Tobacco Smoke, by E. Werle, H. Schievelbein,  
GERMANY, per, Arzneimittelforschung, Vol. XI, 1961,  
pp 1011-1016.

K-H 12057-c

Sci

226,863

Apr 63

Is the Cause of Hereditary Diseases, Myotonia  
Congenita and Dystrophia Myotonica, a  
Biochemically Detectable Disturbance?, by  
E. Kuhn, 6 pp.

GERMAN, par, Artaliche Forschung, Vol XV, No 1,  
1961, pp 6-9.

MMI 3-49-62

199, 722

Sci - Med

Jan 62



Hermann, M. and Winkler, G.  
SHORTENING OF THE RESTORATION PHASE OF  
THE ADRENAL CORTEX IN GUINEA PIGS AFTER  
PROLONGED PRETREATMENT WITH CORTISONE BY  
MEANS OF SIMULTANEOUS ADMINISTRATION OF  
METHANDROSTENOLONE (Abkürzungen der Restitu-  
tionphase der Nebennierenrinde beim Meerschweinchen  
nach Langfristiger Vorbehandlung mit Cortison durch  
Gleichzeitige Zufuhr von Methandrostenolon). [1962]  
[9]p. 21 refs.  
Order from SLA \$1.10

62-18180

Trans. of Arzneimittel-Forschung (West Germany)  
1962, v. 12 [no. 1] p. 82-84.

DESCRIPTION: Drugs. \*Adrenal glands. \*Corticoste-  
roids. Pharmacology. \*Pathology. Inhibition. \*Dianabol.

(Biological Sciences--Pharmacology, TT, v. 9, no. 5)  
(over)

62-18180

I. Hermann, M  
II. Winkler, G.

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Statistical Analysis in Series of Clinical Investigations Involving a Single Criterion, by G. Hetzler,

GERMAN, per, Arzneimittelforschung, Vol XII, No 2, 1962, pp 98-125.

HEW-NIH-722-66

Sci-BRM  
Jan 67

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The Statistical Processing of Series of Clinical  
Investigations with One Observation Characteristic,  
by G. Betzien.

GERMAN, per, Arzneimittel-Forschung, Vol. 12,  
No. 2, pp. 89-124, 1962.

\*OTS Vol. 16, No. 2.

Sept 66

Werle, E. and Schievelbein, H.  
TABLE ON THE TOXICOLOGY, PHARMACOLOGY  
AND CHEMISTRY OF THE CONSTITUENTS OF  
TOBACCO AND TOBACCO SMOKE. [1963] 10p  
Order from K-H \$12.50 K-H-12057a

Trans. of Arzneimittel-Forschung (West Germany)  
1962, v. 12 [no. 2] p. 202-206.

DESCRIPTORS: \*Tobacco, \*Smokes, Chemical  
analysis, Pharmacology, Toxicity, Cigarettes,

(Chemistry--Analytical, TT, v. 11, no. 5)

TT-64-12258

I. Werle, E.  
II. Schievelbein, H.  
III. K-H-12057a  
IV. Kresge-Hooker Science  
Library Associates,  
Detroit, Mich.

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Kolb, K. H., Kimber, K. H., and Schulze, F. E.  
THE INFLUENCE OF VARIOUS ANABOLIC STEROIDS ON THE EXCRETION OF DYES INTO THE BILE OF RATS. [1962] 8p. (figs., tables refs. omitted).

Order from SLA \$1.10

63-10513

Trans. of Ullmann's Forschung (West Germany)  
1962, v. 12, no. 3, p. 223-230.

DESCRIPTORS: Metabolism, \*Steroids, Drugs, Excretion, Dyes, \*Bile, Rats, \*Liver, Iodine, Labeled substances, Chlorides, Sodium compounds, Inhibition, Androstene, Sulfobromophthalein sodium, Methyl radicals, Testosterone.

Using the example of the excretion of  $^{131}$ -labeled rothenone into the bile of rats, it was shown that all the 17-alkylated anabolically efficacious steroids which  
(Biological Sciences - Pharmacology, TT, v. 10, no. 2)  
(over)

63-10513

I. Kolb, K. H.  
II. Kimber, K. H.  
III. Schulze, F. E.

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TT-63-20952

Eger, W. and Ilbagian, K.  
INVESTIGATIONS INTO THE EFFECT OF TETRA-  
CYCLINES ON THE LIVER. [1963] 12p (tables refe  
omitted)

Order from SLA \$1.60

TT-63-20952

Trans. of Arzneimittel[er] Forsch[ung] (West Germany)  
1962, v. 12 [no. 3] p. 286-289.

DESCRIPTORS: \*Liver, \*Tetracyclines, Fats,  
Metabolism, Diseases.

I. Title: Lipomatosis  
I. Eger, W.  
II. Ilbagian, K.

(Biological Sciences--Pharmacology, TT, v. 11, no. 10) other

Detzl, L., Spring, P., and Bear, M.  
COMPARATIVE INVESTIGATION OF A DIURETIC  
(CYCLOPENTHAZIIDE) IN HEALTHY AND EDEMA-  
TOUS MEN (Vergleichende Prüfung eines Diureticums  
(Cyclopentthiazid) am Gesunden und an Ödemkranken  
Menschen). [1962] 17p. 24 refs.  
Order from SLA \$11.60

63-10187

Trans. of Arzneimittel-Forschung (West Germany)  
1962, v. 12 [no. 3] p. 289-294.

DESCRIPTION: \*Chlorothiazide diuretics, Drugs,  
\*Diuretics, Edema, Men, Heart, Diseases, Toxicity,  
Dosage, Sulfonamides, Tolerances (Physiology),  
Vaso-active agents, Sympatholytic agents.

The authors have investigated the problem whether  
the results obtained by quantitative and qualitative  
assay of a diuretic drug in healthy individuals are  
relevant for the evaluation of clinical conditions. For  
(Biological Sciences--Pharmacology, TT, v. 10, no. 1)  
(over)

63-10187

I. Detzl, L.  
II. Spring, P.  
III. Bear, M

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R-4516-0

The Psychotropic Action of Atropine and Neopolarine,  
by E. Frommelt, C. Fleury.

GERMAN, per, Arzneimittelforschung, Vol XII, 1962,  
pp 309-314.

NOTED, IER.

OCT 64



Effect of Psycho-Active Substances on  
Metabolism, by K. Optiz.

GERMAN, per, Arzneimittel-Forschung, 1962,  
pp 333-340.

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MM/T.479

Sci-Biol & med sci  
May 63

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The Active Properties of 16-Methylene-  
Prednisolone in Animal Experiments, by  
L. Hepding, H. J. Bertram, A. Clauss,  
U. Jahn, H. Kieser, 13pp.  
GERNAM, per, Arzneimittel-Forschung, Vol 12,  
No 9, 1962, pp 899-902.  
CFSTI TT-64-18960.

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Sci - B & M  
Mar 67

The Solution of Chemotherapeutic Problems  
by Means of Automatic Digital Computers. 1.  
The Calculation of the Pharmacokinetic Constants and Dosage of Chemotherapeutic Agents  
as a First Approximation, by H. Schlender,  
GERMAN, Arch. Arzneimittelforschung, Vol XII,  
No 10, 1962, pp 952-1001.  
DEW-3111-6-44-66

Sci-Ref  
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Wagner, H. J.  
TESTING OF PERFORMANCE UNDER THE INFLU-  
ENCE OF VARIOUS ANTIHISTAMINIC DRUGS  
(Überprüfung des Leistungsverhaltens unter der  
Einwirkung Verschiedener Antihistaminica). [1964]  
19p 65refs  
Order from SLA \$1.60

TT-64-16069

Trans. of Arzneimittel-Forschung (West Germany)  
1962, v. 12, p. 1065-1070.

(Biological Sciences - Pharmacology, TT, v. 12, no. 4)

TT-64-16069

L. Wagner, H. J.

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Paulus, W., Janitzki, U., and Hoch, W.  
DETECTION OF DIFFERENT ADDICTIVE DRUGS  
BY MEANS OF ROUND FILTER CHROMATOGRAPHY  
(Der Nachweis Verschiedener Suchtmittel mit der  
Rundfilterchromatographie). [June 63] 6p. 1 ref.  
Order from SLA \$1.10 63-18802

Trans. of Arzneimittel-Forschung (West Germany)  
1962, v. 12, no. 11, p. 1086-1087.

DESCRIPTORS: Drugs, \*Addiction, Toxicity, Identifi-  
cation, Filters (Fluid), \*Chromatographic analysis

A description is given of the method of round filter  
chromatography. A separation procedure for 20 differ-  
ent habit-forming drugs with 5 solvent systems was  
devised. Separation is made possible even in sub-  
stances extracted from the urine. (Author)

(Biological Sciences--Pharmacology, TT, v. 10, no. 11)

63-18802

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II. Janitzki, U.  
III. Hoch, W.

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Erdmeyer, A New Macrolide Antibiotic, by Huber,  
Gerhard, 16 pp.  
GERMAN, per, Arzneimittel Forschung, Vol 12, 1962,  
pp 1191-1195.  
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July 69

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TT-64-16799

Zipf, Karl.  
THE PHARMACOLOGICAL ACTION OF DIPHENYLITRO-  
PENYLAMINES ON THE CIRCULATION. 7p 4refs.  
Order from SLA \$1.10 TT-64-16799

1. Zipf, K.

Trans. of Arzneimittel-Forschung (West Germany) 1963,  
v. 13 [no. 3] p. 166-168.

(Biological Sciences--Pharmacology, TT, v. 12, no. 5)

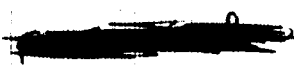
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Pharmacological Investigations of a  
Substance With Secretory Activity,  
by R. Engelhorn.  
GERMAN, per, Arzneimittel-Forschung,  
Vol 13, 1963, pp 474-480  
NTC 72-11587-060

June 72



Pharmacological Properties of 3-Methyl-  
3,4-Dihydroxy-4-Phenylbutyne-1,  
by F. J. Kuhn, H. Wick.  
GERMAN, per, Arzneimittel-Forschung, Vol 13,  
No 8, 1963, pp 728-734.  
SIA TT-66-10083



Sci-B&M  
June 66

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The Solution of Chemotherapeutic Problems by  
Programmed Digital Computers. Report LL. The  
Exact Calculation of the Equation Parameters  
and Their Confidence Limits by Means of the  
Iteration Method of Gauss and Newton, by E.  
Krugger-Tillemor,  
GERMAN, per, Arzneimittelforschung, Vol XIII,  
No 10, 1963, pp 891-894.  
HEH-NIH-7-5-66

Sci-B544

Index 67

216 084

Synthesis of N,N-bis-(2-chloroethyl)-O-  
(3-aminopropyl)-phosphoric Acid Amide Ester,  
by H. Arnold, et al  
GERMAN, per, Arzneimittelforschung, Vol XIII,  
No 10, 1963, pp 927-928.  
HEW-NIII-1-14-67

Sci-DR11  
Feb 67

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The Lactate Dehydrogenase Agent in the  
Blood of Tumor-Bearing Mice, by

H. M. Rauen.

GERMAN, per, Arzneimittelforschung,

Vol XIII, No II, 1963, pp 933-936.

RIII 10-25-64

Sci - Biol & Med Sci

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Activation of Cyclophosphamide In Vivo and in  
Vitro, by M. Brock, et al,  
GERMAN, per. Arzneimittelforschung, Vol XIII,  
No 12, 1963, pp 1021-1029.  
HEW-NIH-1-6-67

Sci-88M  
Feb 67

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B-5785-D  
Sept 63  
Alterations of Bacterial Toxins by the Constituents of  
Chamomile and Horseradish  
By: Kienholz  
From: ARZNEIMITTEL-FORSCHUNG 13: Dec. 63 pp 1109-1116  
( 8 pp )  
German - est. for use:  
Type one camera ready copy. Make cover T-354-1.

The 2-Alkyl-4-Imidazo-Phenylthio-triazines -- A New  
Group of Active Tuberculostatic, by W. H. Wagner,  
15 pp.  
GERMAN, per. Arzneimittel-Forschung, Vol XIII,  
1963, pp 3-7.  
NID 4-39-64

Sci - Biol & Med  
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Beckmann, I.  
THE BEHAVIOR OF THALIDOMIDE IN THE HUMAN  
ORGANISM. II. The Biological Disintegration of  
N-phthalyl-D,L-glutamic acid-imide [ $^{14}\text{C}$ ] (Thalido-  
mide- $^{14}\text{C}$ ). [1963] 16p (figs table formulae refs  
omitted)

Order from SLA \$1.60

TT-63-20956

Trans. of Arzneimittel-Forschung (West Germany)  
1963, v. 13, no. 3, p. 185-191. (Abstract available)

DESCRIPTORS: \*Thalidomide, Drugs, Metabolism,  
Hypnotics and sedatives, Glutamine, Tracer studies

The behavior of N-phthaloyl-glutamide (thalidomide) in  
metabolism was investigated by radioactive tagging.  
Similarly to other central damping preparations or bio-  
genetic substances, thalidomide is broken down by hy-  
drolysis in human and rat organisms. Main breakdown  
(Biological Sciences--Pharmacology, TT, v. 11, no. 5)  
(over)

TT-63-20956

I. Beckmann, I.  
II. Title: Biological...

Office of Technical Services



Chemotherapy of Cancer With Hepatoma  
by D. Schaefer  
GERMAN, Vol XIII,  
No 3, 1963  
NH 4-18-64

Sci - Biol & Med  
Jul 64

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The Effect of Anabolic Agents on the Myocardium.  
Pt.1. Effect of 4-Chlorotestosterone Acetate on  
the Protein Composition of Rabbit Heart, by  
H.Nowy and E.D.Frings.  
GERMAN, per, Arzneimittel Forsch, 1963, v.13,  
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SLA-TT-64-20913

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Histamine in Alcoholic Beverages, by  
P. Marquardt, et al. 7 pp.  
GERMAN, per, Arsneimittel-Forsch. Vol 13,  
No 12, 1963, pp 1100-1102.  
NASA TT F-13,055

Sci-Chem  
Sep 70

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T-517-9

R-8408-D

21 June 67

The antidote effect of bis(4-hydroxyimino-methyl-pyridinium-(1)-methyl)-ether-dichlorid on rats poisoned by alkylphosphat

By: Blisa

From: Sonderdruck aus: Arzneimittel-Forschung, drug research, Arzneim-Forsch. (Drug Res.) 14, 85-88 1964

(4 pp)

German - est for wds:

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Diastolic Tonus and Contractility of the Heart,  
by K. Wexler.  
GERMAN, part, Archiv für Forschung, Vol XVIII,  
No 2, 1964, pp 57-77.  
NH 7-20-64

Sci - Biol & Med  
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Action and Testing of 3-Methyl-3,4-Dihydroxy-  
L-Phenyl-Butin-1, Combined with Pentobarbital  
as an Hypnotic, by H. Moor.

GERMAN, per, Arzneimittel-Forschung, Vol 14,  
No 3, 1964, pp 199-203.

SIA TT-66-10082

Sci-B&M  
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Quantitative-Bacteriological Stool Analyses  
in Antibiotic-Treated Experimental Persons  
with Consideration of the Response of  
Intestinal Flora to Entobex-Vioform, by  
W. Sackmann, F. Kradolfer, G. Creux, 14 pp.  
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No 3, 1964, pp 226-230.  
CFSTI TT-64-20150.

*W. Sackmann*

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Sci - Biology  
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Phenylbutazone and Kidney Functions, by  
H. G. Miers, et al.  
(GER) Ab. per, Arzneimittelforschung,  
Vol 14, No 4, pp 252-253, 1964.  
REF ID: A-23-68

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Mode of Action of Alpha-Isopropyl-Alpha-(N-Methyl-N-Isobutyryl)-Gamma-Aminopropyl-2,4-Dimethoxy-Phenyl-sulfonamide, A Substance with Coronary Vessel Dilating Properties, by H. Haas, 16 pp.

GERMAN, par. Arzneimittel-Forschung, Vol XIV, 1964, pp 461-468.

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THEOPHYLLINATE, WITH REFERENCE TO EXPERIMENTS WITH  
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8600 W; 8 T; 10 F; 35 R \$26.85 (\$6.50)

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Vol 14, No 6a, 1964, pp 599-601.  
NIH 5-43-65(On Loan)

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Light Microscopic Studies on the Effect of  
N-nitrosomorpholine on the Liver of the Rat  
and Mouse, by P. Mannasch, et al,  
GERMAN, per, Arzneimittelforschung, Vol XIV,  
1964, pp 804-814.  
HEU-411-1-25-67

Sci-8841  
Feb 67

319,005

Agency: MEM/FMA  
PLD #0643-79/ Call No. 5

Author: Von R. Gredner unter Mitarbeit von H.H. Schulte

Title: Untersuchungen über das Zusammenwirken von Histamin-  
rezeptoren und einer Antihistaminwirkung gegen Histamin

Source: allergische Vorgänge

Arzneimittel Forschung 14:946-5 (1964)

Instructions: Please translate, type, and paste up  
when necessary one copy only

Language: Germany

Total Blood Level to Alkylating Agents in  
Rats After Administration of Cyclophosphamide  
and Cyclophosphamide, by H. H. Rauen, et al,  
GERMANY, Arzneimittelforschung, Vol XIV,  
No 9, 1964, pp 1066-1067.  
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Apr 67

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Programmed Digital Computers. Report IV. The  
Iterative Method of Gauss and Newton for Four  
Equation Parameters, by E. Kruger-Thiener,  
GERMAN, per, Arzneimittelforschung, Vol XIV,  
No 12, 1964, pp 1332-1334,  
HEH-NIH-7-1-66

Sci-DEM  
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tematics of Pharmacokinetic Models and Inter-  
pretation of the Distribution Volumes and The  
Rate Constants, by E. Kruger-Thiemer,  
GERMAN, per, Arzneimittelforschung, Vol XIV,  
No 12, 1964, pp 1334-1343.  
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Sci-BEM  
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Determination, Method for Determining Serum  
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GERMAN, per, Arzn Standard, Vol 4, No 147, 1963  
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1939, pp 189-197.

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Twenty-Four-Hour Rhythm of Erythropoiesis,  
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GERMAN, per, Arztliche Forsch, Vol II,  
No 1/2 1948, pp 22-27.  
NASA TT R-10,120

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Keutzer, A.  
STATISTICAL VIEWPOINTS ON THE QUESTION OF  
MORTALITY FROM LUNG CANCER. [1962] 13p.  
Order from K-H \$16.25 K-H 6801-a

Trans. of Arztliche Mitteilungen (West Germany) 1955  
[v. 40] no. 14, p. 417-427.

DESCRIPTORS: Vital statistics, \*Cancer, \*Lungs.

(Biological Sciences--Pathology, TT, v. 9, no. 1)

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I. Keutzer, A.  
II. K-H-6801-a  
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30 PP.

GERMAN, PER, ARTZLICHE FORSCHUNG, VOL IX, NO 5, 1955,  
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AUG 62

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